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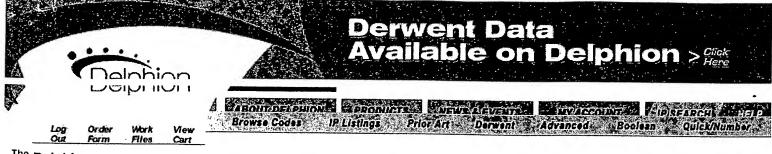
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Title: JP10279717A2: POROUS MEMBRANE AND SEPARATOR FOR BATTERY

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Country:

JP Japan

Kind:

Inventor(s):

NISHIYAMA SOJI YAMAMURA TAKASHI MATSUSHITA KIICHIRO

WANO TAKASHI KANEDA MITSUHIRO

Applicant/Assignee: Inquire Regarding Licensing

NITTO DENKO CORP

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Issued/Filed Dates:

Oct. 20, 1998 / April 2, 1997

Application Number:

JP1997000083676

IPC Class:

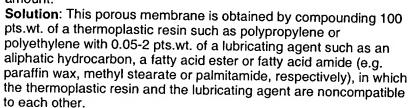
C08J 9/00; H01M 2/16;

Priority Number(s):

April 2, 1997 JP1997000083676

Abstract:

Problem to be solved: To prepare a porous membrane having an improved pulling-out performance for a pin, consequently excellent in workability on the production of roll-type electric pole, imparting excellent charging and discharging characteristic and safety to a battery, and suitable as a separator of a non-aqueous electrolyte solution battery such as a lithium battery by compounding a thermoplastic resin with a lubricating agent in a specific small amount.



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CHEMABS 129(25)331789F CAN129(25)331789F DERABS C99-005313

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Foreign References:

No patents reference this one



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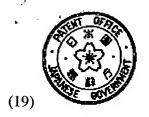
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(11) Publication number:

10279717 A

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PATENT ABSTRACTS OF JAPAN

(21) Application number: **09083676**

(51) Intl. Cl.: **C08J 9/00** H01M 2/16

(22) Application date: **02.04.97**

(30) Priority:

(43) Date of application

20.10.98

publication:

(84) Designated contracting

states:

(71) Applicant: NITTO DENKO CORP

(72) Inventor: NISHIYAMA SOJI

YAMAMURA TAKASHI MATSUSHITA KIICHIRO

WANO TAKASHI KANEDA MITSUHIRO

(74) Representative:

(54) POROUS MEMBRANE AND SEPARATOR FOR BATTERY

(57) Abstract:

PROBLEM TO BE SOLVED: To prepare a porous membrane having an improved pulling-out performance for a pin, consequently excellent in workability on the production of roll-type electric pole, imparting excellent charging and discharging characteristic and safety to a battery, and suitable as a separator of a non-aqueous electrolyte solution battery such as a lithium battery by compounding a thermoplastic resin with a lubricating agent in a specific small amount.

SOLUTION: This porous membrane is obtained by compounding 100 pts.wt. of a thermoplastic resin such as polypropylene or polyethylene with 0.05-2 pts.wt. of a lubricating agent such as an aliphatic hydrocarbon, a fatty acid ester or fatty acid amide (e.g. paraffin wax, methyl stearate or palmitamide, respectively), in which the thermoplastic resin and the lubricating agent are noncompatible to

each other.

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